

To:

Attendees

CC:

Mike Duguay, City of Augusta

Jean Firth, Maine DEP

From: James W. Bouquet, P.E.

RE:

Addendum No. 1

Demolition of the Former American Tissue Mill

Augusta, Maine

Date: February 2, 2009

The purpose of this document is to issue Addendum No. 1 to the Demolition of the Former American Tissue Mill Project. The following Addendum No. 1 shall constitute an addendum to the Project Manual for Demolition of the Former American Tissue Mill - Augusta, Maine prepared by Summit Environmental Consultants, Inc. (Summit) dated January 9, 2009.

Bidders shall indicate receipt and acknowledgement of this addendum on Page BF-1 of the Bid Form.

Bids will be opened publicly at the Augusta City Hall at 2:00 P.M. on March 2, 2009.

ADDENDUM NO. 1

Bid Form

1. Disregard the original Bid Form and utilize Bid Form - Revision 1 attached to this Addendum.

General Conditions of the Construction Contract

1. Add new Paragraph 14.7 to Article 14- Miscellaneous

Liquidated Damages

14.7 In the event that any Work is not completed by the date specified in the Agreement, it is agreed that OWNER will suffer direct damages for delay through costs realized for administration and supervision of the Contract; and oversight of the Work by the ENGINEER. The CONTRACTOR shall compensate OWNER for the amount of \$1,000 per calendar day until such time that the project is deemed complete. Such damages shall be in addition to all other amounts for which the CONTRACTOR may otherwise be liable under applicable Laws or Regulations, or otherwise under the terms of the Contract Documents.

Specification Section 01150, Measurement and Payment

- 1. Delete Paragraph 1.04.A. and replace with the following:
 - A. Deduct Alternate No. 1 Discharge of Wastewater Treatment Plant Liquid to the Kennebec River.
 - 1. The CONTRACTOR shall provide a Deduct price to filter and discharge Wastewater Treatment Plant liquid to the Kennebec River. This Deduct Alternate includes the materials, equipment and labor to remove liquid from the WWTP and route through engineering controls (i.e., filter) and subsequently discharge to the adjacent river. This Alternate will include performing a pilot test (including providing a temporary 500 gallon (minimum) holding tank) and ongoing testing as necessary to verify filtered liquid meets discharge standards established by the Maine DEP. Samples will be collected and analyzed by the Owner.
- 2. Delete Paragraph 1.04.B. and replace with the following:
 - B. Deduct Alternate No. 2 Disposal of Bulked Wastewater Treatment Plant Sludge and Selected Demolition Materials at Statler Landfill.
 - 1. The CONTRACTOR shall provide a Deduct price in the event Wastewater Treatment Plant sludge and other selected demolition materials can be disposed at the former Statler Tissue landfill in Augusta. This Deduct Alternate includes the bulking of sludge with granular soil to be furnished by the CONTRACTOR and other demolition materials made suitable for bulking by the CONTRACTOR. Under this alternate, the CONTRACTOR shall also be responsible for temporary storage of demolition materials at the American Tissue facility until transport to the landfill. Sludge and demolition materials shall be removed from site structures under the Base Bid.
- 3. Insert Paragraph 1.04.E. as follows:
 - E. Deduct Alternate No. 5 Extend Project Completion Date to October 31, 2009.
 - 1. The CONTRACTOR shall provide a lump sum Deduct price to extend the project final completion date from August 31, 2009 to October 31, 2009.
- 4. Insert Paragraph 1.04.F. as follows:
 - F. Add Alternate No. 1 Removal and Off-Site Disposal of Additional Wastewater Treatment Plant Liquid.
 - 1. The CONTRACTOR shall provide a per gallon price to furnish labor, materials, equipment for the removal and off-site disposal of additional liquid contained within the Wastewater Treatment Plant. Disposal of the first 16,000 gallons of liquid will be included in the Base Bid. Disposal of additional liquid will be paid under the under price established by this Add Alternate.

- 5. Insert Paragraph 1.04.G. as follows:
 - G. Add Alternate No. 2 Removal and Off-Site Disposal of Additional Wastewater Treatment Plant Sludge.
 - 1. The CONTRACTOR shall provide a per cubic yard price to furnish labor, materials, equipment for the removal and off-site disposal of additional sludge contained within the Wastewater Treatment Plant. Disposal of the first 3,200 cubic yards of sludge will be included in the Base Bid. Disposal of additional sludge will be paid under the under price established by this Add Alternate.
- 6. Insert Paragraph 1.04.H. as follows:
 - H. Add Alternate No. 3 Removal, Bulking and Disposal of Additional Wastewater Treatment Plant Sludge at Statler Landfill.
 - 1. The CONTRACTOR shall provide a per cubic yard price to furnish labor, materials, equipment for the removal, bulking and disposal at the Statler Landfill of additional sludge contained within the Wastewater Treatment Plant. Disposal of the first 3,200 cubic yards of sludge is included under Deduct Alternate 2, should that Alternate be selected by the OWNER. Disposal of additional bulked sludge will be paid under the under price established by this Add Alternate.

Specification Section 02060, Building Demolition

- 1. Insert the following sentence at the end of Paragraph 3.03.D.
 - "Walls and structures acting as retaining walls along the railroad tracks will not be damaged or demolished."
- 2. In Paragraphs 3.03.F. and 3.03.G. Delete "Section 02200" and Replace with "Section 02232".
- 3. Insert the following sentence at the beginning of Paragraph 3.03.G.
 - "Prior to backfill, crack all basement slabs sufficiently to permit drainage of precipitation collected by the overlying backfill material."
- 4. Insert as new Paragraph 3.04.E. (Page 02060-3)
 - E. Disposal of Bulked Wastewater Treatment Plant Sludge and Selected Demolition Materials at Statler Landfill
 - 1. In the event Deduct Alternate No. 2 is accepted by the OWNER, waste water treatment plant sludge and selected materials generated from the demolition of the American Tissue facility will be prepared, managed and transported by the CONTRACTOR for disposal at the former Staler Tissue Landfill in Augusta. The landfill is located approximately 2 miles from the American Tissue facility. Transport of these materials to the landfill will be concurrent with Phase I closure

construction activities performed by MEDEP and Integrated Waste Solutions (IWS) at the landfill. Concurrent activities will allow the project to be under the direction of IWS and for waste to be properly placed within the Phase I limits by the landfill closure contractor. Alternate No. 2 will not be accepted by the Owner if landfill closure activities are not underway by the commencement date of demolition material shipment (i.e., June 2009) and the CONTRACTOR will provide for disposal at a properly licensed and operating facility under the Base Bid.

- 2. Landfill crown development and closure activities will commence in June 2009 (contingent upon availability of fill materials and MEDEP funding). The CONTRACTOR will be responsible to temporarily stockpile demolition materials at the American Tissue facility until the landfill is ready to accept material (anticipated in June).
- 3. Acceptable materials to be disposed at the former Statler Tissue Landfill from the facility demolition under Deduct Alternate No. 2 include:
 - Built-up and Rubberized Roofing Systems (Non-ACM)
 - Wood Chip and Soil/Cobble Pile
 - Wood Flooring and Miscellaneous Wood
 - Wastewater Treatment Plant Sludge
 - Inert fill

Note: Based on preliminary estimates, significant quantities of inert fill material (crushed brick and concrete) will not be available due to the estimated quantity required to backfill basement and below grade areas following demolition.

- 4. The maximum dimension of non-ACM demolition materials delivered to the landfill is four (4) feet.
- 5. The CONTRACTOR shall dewater wastewater treatment plant sludge and mix with a granular material (i.e., silty sand, "dirty" sand) or ground wood from the facility demolition, resulting in a "bulked" consistency of 60 percent solids as measured by Dry Unit Weight. Laboratory testing of the bulked material will be performed by the CONTRACTOR at the rate of one test per 500 cubic yards. Bulking soil will be consistent with the Maine DOT specification for Granular Borrow (703.19), Material for Embankment Construction. Wood for bulking will be ground to chip size before mixing.
- 6. The estimated quantity of demolition materials available for placement include approximately 5,000 cubic yards of non-friable ACM, roofing, wood and wood chips/soil. Approximately 6,600 cubic yards of soil-bulked sludge is estimated for disposal. Actual quantities shall be determined by the CONTRACTOR.
- 7. The CONTRACTOR shall deliver to the landfill materials for placement at an average rate of 300 cubic yards per day over an 8 week period. Non-ACM demolition materials (roofing, wood and wood chips/soil) will be delivered first to

- provide a stable base for landfill closure. Following delivery and placement of demolition materials, the bulked sludge will be transported for placement.
- 8. Delivery trucks will be directed into the placement area by IWS (or the closure contractor). The closure contractor will perform grading and compaction. Should trucks become mired/stuck, the closure contractor will provide support (i.e., dozer) to extricate the vehicle.
- 5. Insert as new Paragraph 3.04.F.
 - F. Disposal of Wastewater Treatment Plant Liquid to the Kennebec River
 - 1. In the event Deduct Alternate 1 is accepted by the OWNER, liquid within the WWTP clarifiers/vessels will be filtered to meet discharge requirements established by the Maine DEP and discharged to the adjacent Kennebec River.
 - 2. The CONTRACTOR shall provide pumps, hoses, etc. as necessary to remove liquid in a controlled manner from the WWTP. Liquid removal will be performed in such a manner as not to disturb sludge present in the bottom of the clarifiers.
 - 3. The CONTRACTOR shall perform a pilot test on the first 500 gallons of liquid removed by discharging through engineering controls (i.e., filter) to permit sampling and analysis by the OWNER. Samples will be collected for Total Suspended Solids (TSS) and Biological Oxygen Demand (BOD). Engineering controls shall be sufficient to reduce the levels of TSS and BOD to less than 50 parts per million (ppm). Analysis results of WWTP liquid preliminary sampling performed by Summit are attached to Addendum No. 1.
 - 4. Following approval by Maine DEP, remaining liquid within the WWTP will be removed, filtered and discharged to the River via existing site stormdrain outfalls located near the WWTP.
- 6. Insert the following as new Paragraph 3.04.G.
 - G. The existing 50,000 gallon No. 6 Fuel Oil tank will be emptied, removed and cleaned by Others and left adjacent to the current location near the stack. Under this demolition contract, the CONTRACTOR shall remove and properly dispose/recycle the tank from the Site.

Specification Section 02080, Asbestos Abatement

- 1. Insert as new Paragraph 3.07.G. (Page 02080-16)
 - G. Disposal of Non-Friable Asbestos Containing Materials (ACM) at the former Statler Tissue Landfill

- 1. In the event Deduct Alternate No. 3 is accepted by the OWNER, non-friable ACM generated from the demolition of the American Tissue facility (Transite Board, Floor Tile, Built-up Roofing Systems) will be prepared, managed and transported by the CONTRACTOR for disposal at the former Staler Tissue Landfill in Augusta. The landfill is located approximately 2 miles from the American Tissue facility. Transport of these materials to the landfill will be concurrent with Phase I closure construction activities performed by MEDEP and Integrated Waste Solutions (IWS) at the landfill. Concurrent activities will allow the project to be under the direction of IWS and for waste to be properly placed within the Phase I limits by the landfill closure contractor. Alternate No. 3 will not be accepted by the Owner if landfill closure activities are not underway by the commencement date of non-friable ACM shipment (i.e., June 2009) and the CONTRACTOR will provide for disposal at a properly licensed and operating facility under the Base Bid.
- 2. Landfill crown development and closure activities will commence in June 2009 (contingent upon availability of fill materials and MEDEP funding). The CONTRACTOR will be responsible to coordinate the removal and delivery of non-friable ACM with the landfill closure construction (anticipated to commence in June 2009).
- 3. Non-friable ACM is typically removed and direct loaded into poly lined containers. Demolition would not commence on buildings containing non-friable ACM (primarily the "Paper Machine Building") until direct delivery of the removed ACM to the landfill can be coordinated (i.e., June). Maximum dimension of non-friable ACM for disposal will be 4 feet by 8 feet. Non-friable ACM will be delivered to the site in poly-lined roll-off containers at a rate not to exceed 300 cubic yards per day (see Building Demolition Section 20260, paragraph 3.04.E.7.)
- 4. IWS will establish a designated area for ACM placement. A MEDEP licensed Asbestos Project Monitor, as a subcontractor to the CONTRACTOR, will perform downwind air monitoring during ACM placement in the landfill. Samples will be analyzed by Phase Contrast Microscopy. The intent of this monitoring is to document that airborne asbestos fibers are not migrating from the disposal area.
- 5. Following placement, the CONTRACTOR shall be responsible to conduct a survey of placement area. The survey will document the horizontal and vertical limits of the ACM placement area for the landfill record.

Figures

1. Revised Figures 1 and 2 are included in this Addendum.

Bid of		(hereinaf	ter referred to as "Bidder"),
organized and	d existing under the laws of the State of	· · · · · · · · · · · · · · · · · · ·	doing business as
	(Insert	"an individual",	, "a corporation", "a
partnership",	"a limited partnership", "a joint venture", "a limit	ted liability compa	any", or " a limited liability
partnership" a	as applicable.)		
To:	William Bridgeo		
10.	City Manager		
	City of Augusta		
	City Center		
•	16 Cony Street		
	Augusta, Maine 04330-5298		
Former Amer strict accordant the time set for By submission to its own	e with your Instruction To Bidders, the Bidder had rican Tissue Demolition Project at the Former Ance with the Construction Drawings, Contract Docorth in the Bidder's Construction Schedule, and for an of this Bid, each Bidder certifies, and in the case organization, that this Bid has been arrived on, or agreement as to any matter relating to the	merican Tissue Fouments and Tech the price stated in e of a joint Bid ea lat independent	Factory, Augusta Maine, in unical Specifications, within the Bid Schedule herein. ach party thereto certifies as atly, without consultation,
	ereby agrees to commence work under this Contracted and to fully complete the Work no later than		_
The a	warding of the Bid to the Contractor will be based	on this Bid.	
The E	Bidder acknowledges receipt of the following Adde	enda:	
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the undersigne in the Contrac	nd in compliance with the Invitation to Bid and ed as a Bidder proposes and agrees to furnish and to Documents, in the manner therein prescribed prior to the opening of Bids for the total lump su	d complete at the and in accordance	site the services specified
		Dollars (\$)

Write Total Bid Price In Words

For the purposes of establishing a breakdown of bid price for the work, the quantities of various construction activities, materials, supplies or equipment to be furnished/performed by the Contractor are estimated and provided on the enclosed Bid Breakdown Table. The Form as completed by the Contractor shall establish unit prices for payment applications and additional Work (or credit) as required. If applicable, provide a narrative, on separate pages, describing any proposed alternate to the Work as described in these Contract Documents, Technical Specifications, and Construction Drawings.

SCHEDULE OF ALTERNATIVES:

Deduc No.	t <u>Alternate</u> De	escription		Lump S	Sum Cost
- Rate and a second	e e e e e e e e e e e e e e e e e e e	egica commence of green to the following			
1.	Discharge of Wast	ewater Treatment Plant Liquid to the	Kennebec River	\$	
2.	_	l Wastewater Treatment Plant Sludge als at Statler Landfill	e and Selected	\$	
3.	Disposal of Non-Fr	riable ACM at Statler Landfill		\$	
4.	Furnish, Install and	Remove Temporary Chain Link Fer	nce	\$	
5.	Extend Project Con	mpletion Date to October 31, 2009		\$	
	<u>lternate</u>				
<u>No.</u>	Description	1	<u>Unit</u>		<u>Unit Price</u>
1.	Removal and Off-S Treatment Plant Lic	ite Disposal of Additional Wastewate Juid	er per Gall	on	\$
2.	Removal and Off-S Treatment Plant Slu	ite Disposal of Additional Wastewate dge		ic Yard	\$
3.		and Disposal of Additional Wastewate adge at Statler Landfill		ic Yard	\$
		rrative, on separate pages, describing Documents, Technical Specifications,			
List of	Subcontractors				
		s that the following firms or busines ied in the event that the Bidder is awa			contracts for the
	NAME	ADDRESS	rtr	EM DES	CRIPTION

The employment of Subcontractors or Subtrades other than those listed above will not be permitted without written approval from the OWNER. Information indicating how the Subcontractors or Subtrades, listed above, qualify in experience and background may be requested before award of the Contract.

<u>List of Equipment:</u> The Bidder shall submit a list of the key construction equipment, with hourly labor and equipment rates, which will be applied and/or available to the Bidder during the construction activities. The Bidder shall be bound to these rates for the duration of the Contract.

<u>Construction Schedule:</u> The Bidder shall submit, with their bid, a construction schedule in accordance with the General Conditions (paragraph 2.6.1).

Staffing: The Bidder shall provide an Organizational Chart and resumes for each of the key personnel involved in the project.

	(NAME)
	(ADDRESS)
Telephone Number:	
	ch are defined in the General Conditions of the Construction Contract, et Documents, have the meaning assigned to them in the General Conditions
SUBMITTED on	
If BIDDER is:	· · · · · · · · · · · · · · · · · · ·
An Individual By	
	(INDIVIDUAL NAME)
Business Address:	
	
A Partnership	
Ry	
Ву	(FIRM NAME)
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	(GENERAL PARTNER)
Business Address:	

<u>corporat</u>	<u>1011</u>
Ву	
	(CORPORATION NAME)
 Rv	(STATE OF INCORPORATION)
<u>.</u>	(NAME OF PERSON AUTHORIZED TO SIGN)
	(TITLE)
EST	
	(NOTARY PUBLIC)
sworn a My Co	and subscribed before me, this day of, mmission Expires:
	ss Address:
Teleph	one Number:

BID BREAKDOWN TABLE

		Lump Sum Price of Bid Item
ITEM 1	For Mobilization/Demobilization	\$
ITEM 2	For Erosion and Sediment Control	\$
ITEM 3	For Asbestos Removal/Disposal	\$
ITEM 4	For Removal and Disposal of Wastewater Treatment Plant Liquid	\$
ITEM 5	For Removal and Disposal of Wastewater Treatment Plant Sludge	\$
ITEM 6	For Identified Hazardous Waste, PCB and Universal Waste Removal/Disposal	\$
ITEM 7	For Removal and Disposal of Liquids	\$
ITEM 8	For Draining, Content Disposal/Recycling, Cleaning, and Sealing of Number 6 Oil Piping	\$
ITEM 9	For Removal/Demolition of Tanks, Equipment, Materials	\$
ITEM 10	For Building and Foundation Demolition/Disposal	\$
ITEM 11	For Backfilling	\$
ITEM 12	For Site Restoration	\$
ITEM 13	For Site Security and Fencing	\$
ITEM 14	BID ALLOCATION #1	
	For Non-Identified Hazardous Waste Liquid and Residual Solids Removal/Disposal	\$25,000.00
TOTAL - BID	BREAKDOWN (Items 1 through 14, inclusive)	\$

Maine Environmental Laboratory

Report of Analyses

One Main Street Yarmouth, Maine 04096-1107

Tel (207) 846-6569

Fax (207) 846-9066

e-mail: melab@maine.rr.com

John Cressey

Report Date: November 26, 2008

Summit Environmental Consultants, Inc.

434 Cony Road

Augusta, ME 04330

Report No.: SME739-08

Enclosed are the results of the analyses requested on your samples as received by the laboratory. Samples were received in acceptable condition and analyzed within method holding times with all quality control data within laboratory acceptance limits unless noted. Reporting detection limits are the minimum levels for reporting quantitative data. These limits are 3.18 times the method detection limit as defined in CFR 40 Part 136. Appendix B. Data reported between the reporting and method detection limits are J flagged as estimated. Maine Environmental Laboratory is certified by Maine, Massachusetts, New Hampshire and NELAP (cert.#2031). A list of certified parameters is available on request. The results reported herein conform to the most current NELAP standards, where applicable, unless otherwise narrated in the body of the report. This report shall not be reproduced, except in full, without the written consent of the laboratory.

The complete report consists of the following sections:

Maine Environmental Laboratory report

Chain of custody form

Brooks Rand Laboratory report

Project Name/ID:

American Tissue

Date Received:

11/05/08

Sampler Name:

J. Cressey

References

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes, USEPA, Cincinnati, Ohio, March 1983.

EPA2 - EPA600/R-94/111 Methods for the Determination of Metals in Environmental Samples, Supplement 1, May 1994

EPA1 - EPA/600/R-93/100 Methods for the Determination of Inorganic Substances in Environmental Samples, Aug. 1993.

CLP - USEPA CLP Statement of Work for Inorganics, ILMO3.0.

HEX - EPA-821-R-98-002, Method 1664, Rev. A: N-Hexane Extractable Material by Extraction and Gravimetry, Feb. 1999,

HACH - Chemical Oxygen Demand, Method 8000, Hach Handbook of Water Analysis, Hach Chemical Company, 1979.

STM - Standard Methods for the Examination of Water and Wastewater, 18th edition, APHA, AWWA, WPCF, 1992.

SW8 - SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition, 1986.

Authorized signature

Herbert S. Kodis, laboratory director

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Maine Environmental Laboratory One Main Street Yarmouth, ME 04096 Effective: 01/22/08

End of Addendum No. 1